



Appendices for MH/DD/SAS Community Systems Progress Indicators

Report for First Quarter SFY 2007-2008
July 1 – September 30, 2007

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December 30, 2007



The following Appendices are a companion piece to the *Community Systems Progress Indicators Report*, both of which are available on the Division's website at: <http://www.ncdhhs.gov/mhddsas/statspublications/reports>. Appendix A lists the LME abbreviations used in the Report and their corresponding member counties. Appendix B provides the population density of each county used to determine the Urban/ Mixed/ and Rural groupings, as referenced in the Report. Appendix C contains the tables with the statistics for each LME on the Progress Indicators addressed in the Report. Appendix D provides a summary sheet for each local system to use in comparing its performance to statewide averages and to other LMEs that are similar in population density. The formulas used for calculating each indicator are found in Appendix E.

| APPENDIX B: Population Density* for LMEs and Their Member Counties by Groupings | | | | | |
|---------------------------------------------------------------------------------|-------|--------------|-----|-------------|-----|
| Group Designation | | | | | |
| Urban** | | Mixed** | | Rural** | |
| Cumberland | 463 | ACR | | Albemarle | |
| Durham | 768 | Alamance | 327 | Camden | 39 |
| Guilford | 647 | Caswell | 56 | Chowan | 84 |
| Mecklenburg | 1,559 | Rockingham | 162 | Currituck | 69 |
| Pathways | | BC | | Dare | 78 |
| Cleveland | 210 | Burke | 175 | Hyde | 9 |
| Gaston | 549 | Catawba | 377 | Martin | 47 |
| Lincoln | 237 | Beacon Ctr | | Pasquotank | 175 |
| Wake | 940 | Edgecombe | 110 | Perquimans | 50 |
| | | Greene | 71 | Tyrrell | 11 |
| | | Nash | 171 | Washington | 38 |
| | | Wilson | 209 | Five County | |
| | | CenterPoint | | Franklin | 96 |
| | | Davie | 131 | Granville | 91 |
| | | Forsyth | 747 | Halifax | 79 |
| | | Stokes | 103 | Vance | 173 |
| | | Crossroads | | Warren | 48 |
| | | Iredell | 213 | Foothills | |
| | | Surry | 138 | Alexander | 140 |
| | | Yadkin | 113 | Caldwell | 167 |
| | | Eastpointe | | McDowell | 64 |
| | | Duplin | 59 | Johnston | 154 |
| | | Lenoir | 149 | Sandhills | |
| | | Sampson | 68 | Anson | 49 |
| | | Wayne | 211 | Harnett | 152 |
| | | ECBH | | Hoke | 86 |
| | | Beaufort | 56 | Lee | 190 |
| | | Bertie | 28 | Montgomery | 56 |
| | | Craven | 131 | Moore | 118 |
| | | Gates | 30 | Randolph | 177 |
| | | Hertford | 63 | Richmond | 99 |
| | | Jones | 21 | SER | |
| | | Northampton | 40 | Bladen | 38 |
| | | Pamlico | 39 | Columbus | 58 |
| | | Pitt | 223 | Robeson | 162 |
| | | OC | | Scotland | 116 |
| | | Carteret | 122 | SMountain | |
| | | Onslow | 206 | Alleghany | 46 |
| | | OPC | | Ashe | 60 |
| | | Chatham | 84 | Avery | 73 |
| | | Orange | 310 | Cherokee | 58 |
| | | Person | 96 | Clay | 47 |
| | | Piedmont | | Graham | 27 |
| | | Cabarrus | 423 | Haywood | 97 |
| | | Davidson | 266 | Jackson | 67 |
| | | Rowan | 263 | Macon | 78 |
| | | Stanly | 150 | Swain | 26 |
| | | Union | 264 | Watauga | 138 |
| | | SEC | | Wilkes | 89 |
| | | Brunswick | 108 | | |
| | | New Hanover | 931 | | |
| | | Pender | 55 | | |
| | | WHighlands | | | |
| | | Buncombe | 334 | | |
| | | Henderson | 238 | | |
| | | Madison | 69 | | |
| | | Mitchell | 72 | | |
| | | Polk | 81 | | |
| | | Rutherford | 113 | | |
| | | Transylvania | 80 | | |
| | | Yancey | 59 | | |

* Definition from N.C. Rural Economic Development Center's Rural Data Bank <http://www.ncruralcenter.org/databank/> and population density is based on 2006 Census of Population.

** Urban counties have an average of 200 or more persons living per square mile of land area. The Mixed group contains multi-county LMEs with at least one member county meeting the definition of urban. Rural counties contain fewer than 200 persons per square mile.

Appendix C

| INDICATOR 1: Identification of Individuals In Need of Service (Adults) | | | | | | | | | |
|------------------------------------------------------------------------|----------------|---------------|--------------------------------------|----------------|---------------|--------------------------------------|----------------|---------------|--------------------------------------|
| LME | Adult MH | | | Adult DD | | | Adult SA | | |
| | Number in Need | Number Served | Percent of Population in Need Served | Number in Need | Number Served | Percent of Population in Need Served | Number in Need | Number Served | Percent of Population in Need Served |
| Cumberland | 12,192 | 5,129 | 42% | 1,927 | 502 | 26% | 21,262 | 1,437 | 7% |
| Durham | 10,316 | 3,877 | 38% | 1,598 | 555 | 35% | 17,660 | 1,334 | 8% |
| Guilford | 18,753 | 6,844 | 36% | 2,777 | 1,031 | 37% | 30,978 | 2,087 | 7% |
| Mecklenburg | 34,365 | 7,427 | 22% | 5,198 | 1,609 | 31% | 56,226 | 3,877 | 7% |
| Pathways | 15,209 | 9,648 | 63% | 2,152 | 1,161 | 54% | 24,154 | 2,632 | 11% |
| Wake | 32,907 | 7,815 | 24% | 5,032 | 1,134 | 23% | 54,402 | 2,766 | 5% |
| URBAN SUBTOTAL | 123,742 | 40,740 | 33% | 18,684 | 5,992 | 32% | 204,681 | 14,133 | 7% |
| | | | | | | | | | |
| ACR | 10,631 | 4,531 | 43% | 1,509 | 579 | 38% | 17,047 | 1,238 | 7% |
| BC | 9,971 | 4,165 | 42% | 1,422 | 493 | 35% | 15,977 | 1,409 | 9% |
| Beacon Ctr | 9,918 | 3,703 | 37% | 1,406 | 629 | 45% | 15,824 | 874 | 6% |
| CenterPoint | 17,359 | 6,503 | 37% | 2,480 | 893 | 36% | 27,829 | 2,399 | 9% |
| Crossroads | 10,655 | 4,425 | 42% | 1,498 | 481 | 32% | 16,824 | 970 | 6% |
| Eastpointe | 11,730 | 4,640 | 40% | 1,684 | 822 | 49% | 18,944 | 943 | 5% |
| ECBH | 16,348 | 5,974 | 37% | 2,409 | 1,070 | 44% | 27,559 | 1,826 | 7% |
| OC | 9,502 | 2,361 | 25% | 1,605 | 360 | 22% | 18,498 | 811 | 4% |
| OPC | 9,464 | 2,455 | 26% | 1,454 | 539 | 37% | 16,421 | 1,031 | 6% |
| Piedmont* | | | | | | | | | |
| SEC | 14,568 | 5,105 | 35% | 2,047 | 629 | 31% | 23,367 | 2,123 | 9% |
| WHighlands | 21,211 | 9,733 | 46% | 2,867 | 1,315 | 46% | 33,096 | 3,037 | 9% |
| MIXED SUBTOTAL | 141,357 | 53,595 | 38% | 20,380 | 7,810 | 38% | 231,387 | 16,661 | 7% |
| | | | | | | | | | |
| Albemarle | 7,762 | 3,283 | 42% | 1,072 | 449 | 42% | 12,280 | 955 | 8% |
| Five County | 9,418 | 5,129 | 54% | 1,336 | 567 | 42% | 14,999 | 1,300 | 9% |
| Foothills | 6,705 | 2,732 | 41% | 933 | 316 | 34% | 10,531 | 692 | 7% |
| Johnston | 6,198 | 2,998 | 48% | 912 | 192 | 21% | 9,912 | 924 | 9% |
| Sandhills | 21,491 | 7,994 | 37% | 3,077 | 961 | 31% | 34,585 | 2,274 | 7% |
| SER | 10,134 | 5,841 | 58% | 1,460 | 783 | 54% | 16,407 | 1,759 | 11% |
| SMountain | 15,410 | 6,571 | 43% | 2,153 | 809 | 38% | 25,110 | 1,890 | 8% |
| RURAL SUBTOTAL | 77,118 | 34,548 | 45% | 10,944 | 4,077 | 37% | 123,825 | 9,794 | 8% |
| | | | | | | | | | |
| STATEWIDE | 342,218 | 128,883 | 38% | 50,008 | 17,879 | 36% | 559,892 | 40,588 | 7% |

SOURCE: Medicaid and State Service Claims Data. July 1, 2006 to June 30, 2007.

* Data on service claims for Piedmont are not available for this report.

Data Sources and Calculations for Prevalence:

Population Data: State Demographics Unit (<http://demog.state.nc.us>), July 2007 Population Projection (last update 6/5/07), downloaded 10/31/07.

Mental Health Prevalence Rates: Prepared by NRI/SDICC for CMHS, August 30, 2007 (for the MH Block Grant)

• **Children:** URS Table 1: Children with Serious Emotional Disturbance, ages 9-17, by State, 2006. Note: 12% is the midpoint (11%-13%) for the LOF=60 range (SED with substantial functional impairment). The same rate was applied to children under age 9.

• **Adults:** URS Table 1: Number of Persons with Serious Mental Illness, age 18 and older, by State, 2006.

Substance Abuse Prevalence Rates: SAMHSA, Office of Applied Studies, National Surveys on Drug Use and Health, 2004 and 2005, published Feb 2007.

• **Children and Adults:** Table B.20, Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year, by Age Group and State: Percentages, Annual Averages Based on 2004 and 2005 NSDUH.

Prevalence rate for adolescents (ages 12-17) is 8.06%, for adults (ages 18-25) is 18.20%, and for adults (ages 26+) is 7.11%.

Developmental Disability Prevalence Rates: Report by the US DHHS, Surgeon General (2001) based on data from the 1994 and 1995 National Health Interview Survey (NHIS) Disability Supplement, Phase I, Estimated Ages of People with MR/DD in US Non-Institutional Population. Prevalence rates for persons ages 3-5 = 3.8%, ages 6-16 = 3.2%, ages 17-24 = 1.5%, ages 25-34 = 0.9%, ages 35-44 = 0.8%, ages 45-54 = 0.7%, ages 55-64 = 0.5%, ages 65+ = 0.4%.

Estimated Persons in Need of Services: These numbers were calculated by multiplying the most current available statewide prevalence rates for NC for MH, DD, and SA by the July 2007 county population projections for each relevant age group for each county in each LME's catchment area.

| INDICATOR 1: Identification of Individuals In Need of Service (Children/Adolescents) | | | | | | | | | |
|--------------------------------------------------------------------------------------|---------------------|---------------|--------------------------------------|---------------------|---------------|--------------------------------------|----------------|---------------|--------------------------------------|
| LME | Child/Adolescent MH | | | Child/Adolescent DD | | | Adolescent SA | | |
| | Number in Need | Number Served | Percent of Population in Need Served | Number in Need | Number Served | Percent of Population in Need Served | Number in Need | Number Served | Percent of Population in Need Served |
| Cumberland | 8,220 | 3,290 | 40% | 2,194 | 359 | 16% | 2,209 | 118 | 5% |
| Durham | 5,899 | 3,443 | 58% | 1,585 | 351 | 22% | 1,501 | 117 | 8% |
| Guliford | 11,095 | 3,755 | 34% | 2,956 | 481 | 16% | 3,027 | 129 | 4% |
| Mecklenburg | 21,660 | 5,842 | 27% | 5,811 | 858 | 15% | 5,608 | 260 | 5% |
| Pathways | 9,020 | 4,368 | 48% | 2,402 | 713 | 30% | 2,498 | 201 | 8% |
| Wake | 20,995 | 5,952 | 28% | 5,624 | 753 | 13% | 5,540 | 222 | 4% |
| URBAN SUBTOTAL | 76,889 | 26,650 | 35% | 20,572 | 3,515 | 17% | 20,383 | 1,047 | 5% |
| ACR | 6,144 | 2,169 | 35% | 1,639 | 219 | 13% | 1,663 | 126 | 8% |
| BC | 5,974 | 2,539 | 42% | 1,591 | 200 | 13% | 1,643 | 141 | 9% |
| Beacon Ctr | 6,224 | 2,788 | 45% | 1,659 | 296 | 18% | 1,732 | 71 | 4% |
| CenterPoint | 10,458 | 3,888 | 37% | 2,786 | 495 | 18% | 2,866 | 235 | 8% |
| Crossroads | 6,607 | 1,676 | 25% | 1,766 | 216 | 12% | 1,772 | 91 | 5% |
| Eastpointe | 7,535 | 3,528 | 47% | 2,012 | 453 | 23% | 2,011 | 70 | 3% |
| ECBH | 9,083 | 6,048 | 67% | 2,425 | 727 | 30% | 2,479 | 185 | 7% |
| OC | 4,963 | 1,662 | 33% | 1,332 | 221 | 17% | 1,302 | 53 | 4% |
| OPC | 4,716 | 1,661 | 35% | 1,259 | 331 | 26% | 1,286 | 94 | 7% |
| Piedmont* | | | | | | | | | |
| SEC | 6,887 | 3,756 | 55% | 1,835 | 548 | 30% | 1,923 | 114 | 6% |
| WHighlands | 10,598 | 5,153 | 49% | 2,825 | 641 | 23% | 2,924 | 174 | 6% |
| MIXED SUBTOTAL | 79,189 | 34,868 | 44% | 21,131 | 4,347 | 21% | 21,604 | 1,354 | 6% |
| Albemarle | 4,086 | 2,102 | 51% | 1,090 | 182 | 17% | 1,135 | 41 | 4% |
| Five County | 5,742 | 2,744 | 48% | 1,529 | 246 | 16% | 1,607 | 90 | 6% |
| Foothills | 3,756 | 1,407 | 37% | 1,002 | 109 | 11% | 1,014 | 46 | 5% |
| Johnston | 4,161 | 1,290 | 31% | 1,120 | 121 | 11% | 1,048 | 42 | 4% |
| Sandhills | 13,385 | 5,440 | 41% | 3,568 | 549 | 15% | 3,609 | 281 | 8% |
| SER | 6,935 | 4,310 | 62% | 1,850 | 577 | 31% | 1,885 | 118 | 6% |
| SMountain | 7,013 | 3,552 | 51% | 1,874 | 331 | 18% | 1,901 | 133 | 7% |
| RURAL SUBTOTAL | 45,078 | 20,845 | 46% | 12,034 | 2,115 | 18% | 12,200 | 751 | 6% |
| STATEWIDE | 201,155 | 82,363 | 41% | 53,737 | 9,977 | 19% | 54,188 | 3,152 | 6% |

SOURCE: Medicaid and State Service Claims Data. July 1, 2006 to June 30, 2007.

* Data on service claims for Piedmont are not available for this report.

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Estimated Persons In Need Of Services: These numbers were calculated by multiplying the most current available statewide prevalence rates for NC for MH, DD, and SA by the July 2007 county population projections for each relevant age group for each county in each LME's catchment area.

| INDICATOR 2: Timely Initiation and Engagement of Individuals in Service (Mental Health) | | | | | | | | | |
|-----------------------------------------------------------------------------------------|-------------------------|------------|-----------------------|------------|----------------|------------|------------------------------------|---------------------------|------------|
| LME | 2 Visits within 14 Days | | 2nd Service > 14 Days | | No 2nd Service | | Total Number with an Initial Visit | 4 Visits within 45 Days** | |
| | Number | Percent | Number | Percent | Number | Percent | | Number | Percent |
| Cumberland | 639 | 25% | 612 | 24% | 1,274 | 50% | 2,525 | 420 | 17% |
| Durham | 841 | 59% | 295 | 21% | 287 | 20% | 1,423 | 678 | 48% |
| Guilford | 973 | 32% | 580 | 19% | 1,444 | 48% | 2,997 | 654 | 22% |
| Mecklenburg | 1,335 | 48% | 568 | 21% | 858 | 31% | 2,761 | 947 | 34% |
| Pathways | 986 | 35% | 874 | 31% | 978 | 34% | 2,838 | 645 | 23% |
| Wake | 1,217 | 43% | 786 | 28% | 819 | 29% | 2,822 | 900 | 32% |
| URBAN SUBTOTAL | 5,991 | 39% | 3,715 | 24% | 5,660 | 37% | 15,366 | 4,244 | 28% |
| ACR | 468 | 27% | 416 | 24% | 854 | 49% | 1,738 | 272 | 16% |
| BC | 567 | 34% | 540 | 32% | 559 | 34% | 1,666 | 288 | 17% |
| Beacon Ctr | 688 | 39% | 532 | 30% | 544 | 31% | 1,764 | 489 | 28% |
| CenterPoint | 1,058 | 44% | 588 | 24% | 760 | 32% | 2,406 | 809 | 34% |
| Crossroads | 457 | 29% | 476 | 30% | 648 | 41% | 1,581 | 253 | 16% |
| Eastpointe | 791 | 38% | 535 | 26% | 746 | 36% | 2,072 | 524 | 25% |
| ECBH | 1,186 | 45% | 623 | 24% | 821 | 31% | 2,630 | 961 | 37% |
| OC | 354 | 39% | 262 | 29% | 286 | 32% | 902 | 230 | 25% |
| OPC | 332 | 44% | 185 | 24% | 246 | 32% | 763 | 217 | 28% |
| Piedmont* | | | | | | | | | |
| SEC | 842 | 38% | 575 | 26% | 775 | 35% | 2,192 | 563 | 26% |
| WHighlands | 1,501 | 48% | 858 | 27% | 788 | 25% | 3,147 | 1,060 | 34% |
| MIXED SUBTOTAL | 8,244 | 40% | 5,590 | 27% | 7,027 | 34% | 20,861 | 5,666 | 27% |
| Albemarle | 556 | 42% | 319 | 24% | 448 | 34% | 1,323 | 377 | 28% |
| Five County | 549 | 30% | 525 | 29% | 738 | 41% | 1,812 | 403 | 22% |
| Foothills | 378 | 40% | 275 | 29% | 302 | 32% | 955 | 240 | 25% |
| Johnston | 294 | 25% | 282 | 24% | 608 | 51% | 1,184 | 161 | 14% |
| Sandhills | 1,121 | 31% | 921 | 26% | 1,545 | 43% | 3,587 | 730 | 20% |
| SER | 1,091 | 51% | 556 | 26% | 486 | 23% | 2,133 | 845 | 40% |
| SMountain | 840 | 38% | 544 | 25% | 801 | 37% | 2,185 | 533 | 24% |
| RURAL SUBTOTAL | 4,829 | 37% | 3,422 | 26% | 4,928 | 37% | 13,179 | 3,289 | 25% |
| STATEWIDE | 19,064 | 39% | 12,727 | 26% | 17,615 | 36% | 49,406 | 13,199 | 27% |

SOURCE: Medicaid and State Service Claims Data. January 1 - March 31, 2007 (first service received)

* Data on service claims for Piedmont are not available for this report.

** For persons receiving 2 visits within the first 14 days of service.

NOTE: Percentages should **NOT** total 100% across the LME row.

| INDICATOR 2: Timely Initiation and Engagement of Individuals in Service (Developmental Disability) | | | | | | | | | |
|----------------------------------------------------------------------------------------------------|-------------------------|---------|-----------------------|---------|----------------|---------|------------------------------------|---------------------------|---------|
| LME | 2 Visits within 14 Days | | 2nd Service > 14 Days | | No 2nd Service | | Total Number with an Initial Visit | 4 Visits within 45 Days** | |
| | Number | Percent | Number | Percent | Number | Percent | | Number | Percent |
| Cumberland | 11 | 24% | 6 | 13% | 28 | 62% | 45 | 6 | 13% |
| Durham | 26 | 68% | 3 | 8% | 9 | 24% | 38 | 21 | 55% |
| Guilford | 44 | 65% | 10 | 15% | 14 | 21% | 68 | 37 | 54% |
| Mecklenburg | 85 | 73% | 25 | 21% | 7 | 6% | 117 | 64 | 55% |
| Pathways | 48 | 77% | 2 | 3% | 12 | 19% | 62 | 45 | 73% |
| Wake | 54 | 69% | 13 | 17% | 11 | 14% | 78 | 42 | 54% |
| URBAN SUBTOTAL | 268 | 66% | 59 | 14% | 81 | 20% | 408 | 215 | 53% |
| ACR | 28 | 80% | 3 | 9% | 4 | 11% | 35 | 26 | 74% |
| BC | 9 | 64% | 2 | 14% | 3 | 21% | 14 | 6 | 43% |
| Beacon Ctr | 20 | 69% | 7 | 24% | 2 | 7% | 29 | 15 | 52% |
| CenterPoint | 18 | 42% | 15 | 35% | 10 | 23% | 43 | 15 | 35% |
| Crossroads | 11 | 85% | 1 | 8% | 1 | 8% | 13 | 10 | 77% |
| Eastpointe | 21 | 64% | 1 | 3% | 11 | 33% | 33 | 16 | 48% |
| ECBH | 29 | 55% | 18 | 34% | 6 | 11% | 53 | 26 | 49% |
| OC | 18 | 72% | 3 | 12% | 4 | 16% | 25 | 13 | 52% |
| OPC | 29 | 74% | 6 | 15% | 4 | 10% | 39 | 24 | 62% |
| Piedmont* | | | | | | | | | |
| SEC | 47 | 76% | 7 | 11% | 8 | 13% | 62 | 41 | 66% |
| WHighlands | 38 | 61% | 18 | 29% | 6 | 10% | 62 | 28 | 45% |
| MIXED SUBTOTAL | 268 | 66% | 81 | 20% | 59 | 14% | 408 | 220 | 54% |
| Albemarle | 8 | 67% | 3 | 25% | 1 | 8% | 12 | 7 | 58% |
| Five County | 12 | 43% | 9 | 32% | 7 | 25% | 28 | 10 | 36% |
| Foothills | 8 | 67% | 2 | 17% | 2 | 17% | 12 | 5 | 42% |
| Johnston | 4 | 67% | 0 | 0% | 2 | 33% | 6 | 4 | 67% |
| Sandhills | 40 | 56% | 13 | 18% | 18 | 25% | 71 | 34 | 48% |
| SER | 13 | 45% | 4 | 14% | 12 | 41% | 29 | 10 | 34% |
| SMountain | 21 | 54% | 6 | 15% | 12 | 31% | 39 | 17 | 44% |
| RURAL SUBTOTAL | 106 | 54% | 37 | 19% | 54 | 27% | 197 | 87 | 44% |
| STATEWIDE | 642 | 63% | 177 | 17% | 194 | 19% | 1,013 | 522 | 52% |

SOURCE: Medicaid and State Service Claims Data. January 1 - March 31, 2007 (first service received)

* Data on service claims for Piedmont are not available for this report.

** For persons receiving 2 visits within the first 14 days of service.

NOTE: Percentages should **NOT** total 100% across the LME row.

| INDICATOR 2: Timely Initiation and Engagement of Individuals in Service (Substance Abuse) | | | | | | | | | |
|-------------------------------------------------------------------------------------------|-------------------------|------------|-----------------------|------------|----------------|------------|------------------------------------|---------------------------|------------|
| LME | 2 Visits within 14 Days | | 2nd Service > 14 Days | | No 2nd Service | | Total Number with an Initial Visit | 4 Visits within 45 Days** | |
| | Number | Percent | Number | Percent | Number | Percent | | Number | Percent |
| Cumberland | 105 | 56% | 22 | 12% | 60 | 32% | 187 | 75 | 40% |
| Durham | 89 | 82% | 6 | 6% | 14 | 13% | 109 | 63 | 58% |
| Guilford | 134 | 68% | 11 | 6% | 51 | 26% | 196 | 114 | 58% |
| Mecklenburg | 491 | 75% | 58 | 9% | 102 | 16% | 651 | 337 | 52% |
| Pathways | 157 | 69% | 22 | 10% | 47 | 21% | 226 | 114 | 50% |
| Wake | 196 | 57% | 54 | 16% | 92 | 27% | 342 | 156 | 46% |
| URBAN SUBTOTAL | 1,172 | 68% | 173 | 10% | 366 | 21% | 1,711 | 859 | 50% |
| ACR | 66 | 52% | 17 | 13% | 44 | 35% | 127 | 44 | 35% |
| BC | 130 | 69% | 23 | 12% | 36 | 19% | 189 | 111 | 59% |
| Beacon Ctr | 44 | 52% | 14 | 17% | 26 | 31% | 84 | 29 | 35% |
| CenterPoint | 176 | 60% | 46 | 16% | 69 | 24% | 291 | 134 | 46% |
| Crossroads | 63 | 61% | 16 | 15% | 25 | 24% | 104 | 34 | 33% |
| Eastpointe | 48 | 47% | 10 | 10% | 45 | 44% | 103 | 29 | 28% |
| ECBH | 148 | 62% | 42 | 18% | 47 | 20% | 237 | 118 | 50% |
| OC | 79 | 47% | 25 | 15% | 63 | 38% | 167 | 56 | 34% |
| OPC | 108 | 79% | 11 | 8% | 18 | 13% | 137 | 79 | 58% |
| Piedmont* | | | | | | | | | |
| SEC | 256 | 66% | 38 | 10% | 93 | 24% | 387 | 193 | 50% |
| WHighlands | 180 | 77% | 24 | 10% | 29 | 12% | 233 | 136 | 58% |
| MIXED SUBTOTAL | 1,298 | 63% | 266 | 13% | 495 | 24% | 2,059 | 963 | 47% |
| Albemarle | 66 | 57% | 17 | 15% | 33 | 28% | 116 | 48 | 41% |
| Five County | 48 | 53% | 14 | 16% | 28 | 31% | 90 | 38 | 42% |
| Foothills | 63 | 80% | 6 | 8% | 10 | 13% | 79 | 56 | 71% |
| Johnston | 20 | 41% | 9 | 18% | 20 | 41% | 49 | 16 | 33% |
| Sandhills | 224 | 59% | 50 | 13% | 104 | 28% | 378 | 150 | 40% |
| SER | 103 | 62% | 18 | 11% | 46 | 28% | 167 | 72 | 43% |
| SMountain | 91 | 51% | 28 | 16% | 59 | 33% | 178 | 60 | 34% |
| RURAL SUBTOTAL | 615 | 58% | 142 | 13% | 300 | 28% | 1,057 | 440 | 42% |
| STATEWIDE | 3,085 | 64% | 581 | 12% | 1,161 | 24% | 4,827 | 2,262 | 47% |

SOURCE: Medicaid and State Service Claims Data. January 1 - March 31, 2007 (first service received)

* Data on service claims for Piedmont are not available for this report.

** For persons receiving 2 visits within the first 14 days of service.

NOTE: Percentages should **NOT** total 100% across the LME row.

| INDICATOR 2: Timely Initiation and Engagement of Individuals in Service (Mental Health/Developmental Disability) | | | | | | | | | |
|------------------------------------------------------------------------------------------------------------------|-------------------------|---------|-----------------------|---------|----------------|---------|------------------------------------|---------------------------|---------|
| LME | 2 Visits within 14 Days | | 2nd Service > 14 Days | | No 2nd Service | | Total Number with an Initial Visit | 4 Visits within 45 Days** | |
| | Number | Percent | Number | Percent | Number | Percent | | Number | Percent |
| Cumberland | 23 | 38% | 18 | 30% | 19 | 32% | 60 | 16 | 27% |
| Durham | 17 | 89% | 2 | 11% | 0 | 0% | 19 | 16 | 84% |
| Guilford | 34 | 29% | 34 | 29% | 48 | 41% | 116 | 23 | 20% |
| Mecklenburg | 71 | 65% | 26 | 24% | 12 | 11% | 109 | 51 | 47% |
| Pathways | 38 | 68% | 10 | 18% | 8 | 14% | 56 | 32 | 57% |
| Wake | 21 | 54% | 14 | 36% | 4 | 10% | 39 | 19 | 49% |
| URBAN SUBTOTAL | 204 | 51% | 104 | 26% | 91 | 23% | 399 | 157 | 39% |
| ACR | 16 | 47% | 8 | 24% | 10 | 29% | 34 | 14 | 41% |
| BC | 7 | 35% | 7 | 35% | 6 | 30% | 20 | 5 | 25% |
| Beacon Ctr | 23 | 56% | 8 | 20% | 10 | 24% | 41 | 19 | 46% |
| CenterPoint | 19 | 51% | 12 | 32% | 6 | 16% | 37 | 18 | 49% |
| Crossroads | 16 | 67% | 6 | 25% | 2 | 8% | 24 | 13 | 54% |
| Eastpointe | 24 | 52% | 14 | 30% | 8 | 17% | 46 | 22 | 48% |
| ECBH | 52 | 66% | 16 | 20% | 11 | 14% | 79 | 49 | 62% |
| OC | 12 | 48% | 12 | 48% | 1 | 4% | 25 | 10 | 40% |
| OPC | 10 | 53% | 6 | 32% | 3 | 16% | 19 | 8 | 42% |
| Piedmont* | | | | | | | | | |
| SEC | 48 | 73% | 11 | 17% | 7 | 11% | 66 | 41 | 62% |
| WHighlands | 27 | 64% | 11 | 26% | 4 | 10% | 42 | 20 | 48% |
| MIXED SUBTOTAL | 254 | 59% | 111 | 26% | 68 | 16% | 433 | 219 | 51% |
| Albemarle | 18 | 56% | 4 | 13% | 10 | 31% | 32 | 14 | 44% |
| Five County | 20 | 42% | 9 | 19% | 19 | 40% | 48 | 17 | 35% |
| Foothills | 9 | 69% | 2 | 15% | 2 | 15% | 13 | 8 | 62% |
| Johnston | 9 | 43% | 3 | 14% | 9 | 43% | 21 | 6 | 29% |
| Sandhills | 34 | 44% | 30 | 38% | 14 | 18% | 78 | 30 | 38% |
| SER | 65 | 71% | 21 | 23% | 6 | 7% | 92 | 61 | 66% |
| SMountain | 22 | 48% | 9 | 20% | 15 | 33% | 46 | 20 | 43% |
| RURAL SUBTOTAL | 177 | 54% | 78 | 24% | 75 | 23% | 330 | 156 | 47% |
| STATEWIDE | 635 | 55% | 293 | 25% | 234 | 20% | 1,162 | 532 | 46% |

SOURCE: Medicaid and State Service Claims Data. January 1 - March 31, 2007 (first service received)

* Data on service claims for Piedmont are not available for this report.

** For persons receiving 2 visits within the first 14 days of service.

NOTE: Percentages should **NOT** total 100% across the LME row.

| INDICATOR 2: Timely Initiation and Engagement of Individuals in Service (Mental Health/Substance Abuse) | | | | | | | | | |
|---------------------------------------------------------------------------------------------------------|-------------------------|---------|-----------------------|---------|----------------|---------|------------------------------------|---------------------------|---------|
| LME | 2 Visits within 14 Days | | 2nd Service > 14 Days | | No 2nd Service | | Total Number with an Initial Visit | 4 Visits within 45 Days** | |
| | Number | Percent | Number | Percent | Number | Percent | | Number | Percent |
| Cumberland | 88 | 36% | 57 | 24% | 97 | 40% | 242 | 66 | 27% |
| Durham | 158 | 70% | 49 | 22% | 18 | 8% | 225 | 109 | 48% |
| Guilford | 160 | 43% | 64 | 17% | 152 | 40% | 376 | 109 | 29% |
| Mecklenburg | 217 | 56% | 75 | 19% | 95 | 25% | 387 | 179 | 46% |
| Pathways | 212 | 55% | 106 | 28% | 66 | 17% | 384 | 157 | 41% |
| Wake | 185 | 46% | 106 | 27% | 109 | 27% | 400 | 135 | 34% |
| URBAN SUBTOTAL | 1,020 | 51% | 457 | 23% | 537 | 27% | 2,014 | 755 | 37% |
| ACR | 71 | 34% | 44 | 21% | 96 | 45% | 211 | 43 | 20% |
| BC | 87 | 60% | 35 | 24% | 24 | 16% | 146 | 56 | 38% |
| Beacon Ctr | 59 | 55% | 27 | 25% | 22 | 20% | 108 | 45 | 42% |
| CenterPoint | 212 | 58% | 79 | 21% | 77 | 21% | 368 | 159 | 43% |
| Crossroads | 104 | 55% | 40 | 21% | 46 | 24% | 190 | 87 | 46% |
| Eastpointe | 85 | 51% | 44 | 26% | 39 | 23% | 168 | 54 | 32% |
| ECBH | 134 | 52% | 59 | 23% | 66 | 25% | 259 | 106 | 41% |
| OC | 29 | 60% | 15 | 31% | 4 | 8% | 48 | 25 | 52% |
| OPC | 88 | 67% | 24 | 18% | 19 | 15% | 131 | 64 | 49% |
| Piedmont* | | | | | | | | | |
| SEC | 111 | 54% | 38 | 19% | 55 | 27% | 204 | 78 | 38% |
| WHighlands | 284 | 67% | 89 | 21% | 50 | 12% | 423 | 230 | 54% |
| MIXED SUBTOTAL | 1,264 | 56% | 494 | 22% | 498 | 22% | 2,256 | 947 | 42% |
| Albemarle | 89 | 52% | 35 | 20% | 48 | 28% | 172 | 47 | 27% |
| Five County | 103 | 45% | 50 | 22% | 78 | 34% | 231 | 79 | 34% |
| Foothills | 65 | 55% | 33 | 28% | 20 | 17% | 118 | 51 | 43% |
| Johnston | 107 | 38% | 61 | 22% | 114 | 40% | 282 | 77 | 27% |
| Sandhills | 162 | 47% | 73 | 21% | 107 | 31% | 342 | 103 | 30% |
| SER | 177 | 72% | 43 | 17% | 26 | 11% | 246 | 134 | 54% |
| SMountain | 102 | 50% | 55 | 27% | 46 | 23% | 203 | 77 | 38% |
| RURAL SUBTOTAL | 805 | 51% | 350 | 22% | 439 | 28% | 1,594 | 568 | 36% |
| STATEWIDE | 3,089 | 53% | 1,301 | 22% | 1,474 | 25% | 5,864 | 2,270 | 39% |

SOURCE: Medicaid and State Service Claims Data. January 1 - March 31, 2007 (first service received)

* Data on service claims for Piedmont are not available for this report.

** For persons receiving 2 visits within the first 14 days of service.

NOTE: Percentages should **NOT** total 100% across the LME row.

| INDICATOR 3: Effective Use of State Psychiatric Hospitals | | | | | | | |
|-----------------------------------------------------------|--------------------|------------|---------------------|------------|------------------|------------|------------------|
| LME | 1 - 7 Days of Care | | 8 - 30 Days of Care | | 30+ Days of Care | | Total Discharges |
| | Number | Percent | Number | Percent | Number | Percent | |
| Cumberland | 127 | 52% | 83 | 34% | 36 | 15% | 246 |
| Durham | 223 | 54% | 136 | 33% | 57 | 14% | 416 |
| Guilford | 215 | 53% | 131 | 32% | 58 | 14% | 404 |
| Mecklenburg | 74 | 33% | 87 | 39% | 60 | 27% | 221 |
| Pathways | 90 | 46% | 71 | 37% | 33 | 17% | 194 |
| Wake | 839 | 70% | 250 | 21% | 105 | 9% | 1,194 |
| URBAN SUBTOTAL | 1,568 | 59% | 758 | 28% | 349 | 13% | 2,675 |
| ACR | 227 | 59% | 113 | 29% | 46 | 12% | 386 |
| BC | 80 | 45% | 56 | 31% | 43 | 24% | 179 |
| Beacon Ctr | 251 | 55% | 162 | 36% | 43 | 9% | 456 |
| CenterPoint | 243 | 56% | 133 | 31% | 56 | 13% | 432 |
| Crossroads | 81 | 50% | 51 | 32% | 29 | 18% | 161 |
| Eastpointe | 180 | 58% | 104 | 34% | 24 | 8% | 308 |
| ECBH | 212 | 54% | 139 | 36% | 38 | 10% | 389 |
| OC | 96 | 55% | 58 | 33% | 20 | 11% | 174 |
| OPC | 81 | 47% | 70 | 40% | 23 | 13% | 174 |
| Piedmont | 207 | 54% | 117 | 30% | 60 | 16% | 384 |
| SEC | 14 | 47% | 11 | 37% | 5 | 17% | 30 |
| WHighlands | 259 | 52% | 159 | 32% | 84 | 17% | 502 |
| MIXED SUBTOTAL | 1,931 | 54% | 1,173 | 33% | 471 | 13% | 3,575 |
| Albemarle | 60 | 52% | 42 | 36% | 14 | 12% | 116 |
| Five County | 219 | 63% | 90 | 26% | 39 | 11% | 348 |
| Foothills | 65 | 43% | 57 | 38% | 30 | 20% | 152 |
| Johnston | 97 | 64% | 37 | 25% | 17 | 11% | 151 |
| Sandhills | 225 | 59% | 105 | 28% | 51 | 13% | 381 |
| SER | 314 | 60% | 171 | 33% | 41 | 8% | 526 |
| SMountain | 107 | 46% | 86 | 37% | 39 | 17% | 232 |
| RURAL SUBTOTAL | 1,087 | 57% | 588 | 31% | 231 | 12% | 1,906 |
| STATEWIDE | 4,586 | 56% | 2,519 | 31% | 1,051 | 13% | 8,156 |

SOURCE: Healthcare Enterprise Accounts Receivable Tracking System (HEARTS) Data on Discharges during April 1 - September 30, 2007.

| INDICATOR 4: Timely Follow-Up Care for Individuals After Inpatient Care (ADATCs) | | | | | | | | | |
|----------------------------------------------------------------------------------|---------------------|---------|----------------------|---------|------------------|---------|----------|---------|----------------------------|
| LME | Seen in 1 to 7 days | | Seen in 8 to 30 days | | Seen in 30+ days | | Not Seen | | Total Number of Discharges |
| | Number | Percent | Number | Percent | Number | Percent | Number | Percent | |
| Cumberland | 1 | 13% | 1 | 13% | 3 | 38% | 3 | 38% | 8 |
| Durham | 5 | 26% | 2 | 11% | 5 | 26% | 7 | 37% | 19 |
| Guilford | 18 | 32% | 3 | 5% | 7 | 13% | 28 | 50% | 56 |
| Mecklenburg | 16 | 29% | 7 | 13% | 4 | 7% | 29 | 52% | 56 |
| Pathways | 2 | 10% | 3 | 14% | 2 | 10% | 14 | 67% | 21 |
| Wake | 6 | 32% | 1 | 5% | 1 | 5% | 11 | 58% | 19 |
| URBAN SUBTOTAL | 48 | 27% | 17 | 9% | 22 | 12% | 92 | 51% | 179 |
| ACR | 12 | 24% | 8 | 16% | 8 | 16% | 22 | 44% | 50 |
| BC | 19 | 30% | 8 | 13% | 7 | 11% | 30 | 47% | 64 |
| Beacon Ctr | 3 | 19% | 1 | 6% | 5 | 31% | 7 | 44% | 16 |
| CenterPoint | 10 | 20% | 2 | 4% | 8 | 16% | 29 | 59% | 49 |
| Crossroads | 5 | 31% | 4 | 25% | 1 | 6% | 6 | 38% | 16 |
| Eastpointe | 10 | 25% | 7 | 18% | 7 | 18% | 16 | 40% | 40 |
| ECBH | 9 | 35% | 1 | 4% | 4 | 15% | 12 | 46% | 26 |
| OC | 10 | 50% | 0 | 0% | 2 | 10% | 8 | 40% | 20 |
| OPC | 12 | 46% | 2 | 8% | 2 | 8% | 10 | 38% | 26 |
| Piedmont* | | | | | | | | | |
| SEC | 7 | 32% | 1 | 5% | 1 | 5% | 13 | 59% | 22 |
| WHighlands | 29 | 27% | 6 | 6% | 9 | 8% | 62 | 58% | 106 |
| MIXED SUBTOTAL | 126 | 29% | 40 | 9% | 54 | 12% | 215 | 49% | 435 |
| Albemarle | 9 | 28% | 4 | 13% | 4 | 13% | 15 | 47% | 32 |
| Five County | 7 | 19% | 10 | 27% | 4 | 11% | 16 | 43% | 37 |
| Foothills | 6 | 32% | 4 | 21% | 1 | 5% | 8 | 42% | 19 |
| Johnston | 5 | 63% | 2 | 25% | 0 | 0% | 1 | 13% | 8 |
| Sandhills | 11 | 23% | 10 | 21% | 0 | 0% | 26 | 55% | 47 |
| SER | 0 | 0% | 4 | 31% | 2 | 15% | 7 | 54% | 13 |
| SMountain | 22 | 33% | 7 | 10% | 5 | 7% | 33 | 49% | 67 |
| RURAL SUBTOTAL | 60 | 27% | 41 | 18% | 16 | 7% | 106 | 48% | 223 |
| STATEWIDE | 234 | 28% | 98 | 12% | 92 | 11% | 413 | 49% | 837 |

SOURCE: Healthcare Enterprise Accounts Receivable Tracking System (HEARTS) Discharge Data (for HEARTS discharges January 1 - March 31, 2007); Medicaid and State Service Claims Data (for claims submitted January 1 - September 30, 2007).

* Data on service claims for Piedmont are not available for this report.

NOTE: The rows may add up to > 100% due to rounding.

| INDICATOR 4: Timely Follow-Up Care for Individuals After Inpatient Care (State Psychiatric Hospitals) | | | | | | | | | |
|-------------------------------------------------------------------------------------------------------|---------------------|---------|----------------------|---------|------------------|---------|----------|---------|----------------------------|
| LME | Seen in 1 to 7 days | | Seen in 8 to 30 days | | Seen in 30+ days | | Not Seen | | Total Number of Discharges |
| | Number | Percent | Number | Percent | Number | Percent | Number | Percent | |
| Cumberland | 33 | 32% | 11 | 11% | 18 | 17% | 42 | 40% | 104 |
| Durham | 49 | 28% | 32 | 18% | 18 | 10% | 75 | 43% | 174 |
| Guilford | 49 | 25% | 22 | 11% | 23 | 12% | 101 | 52% | 195 |
| Mecklenburg | 16 | 18% | 12 | 14% | 14 | 16% | 45 | 52% | 87 |
| Pathways | 27 | 29% | 12 | 13% | 9 | 10% | 45 | 48% | 93 |
| Wake | 176 | 31% | 78 | 14% | 41 | 7% | 282 | 49% | 577 |
| URBAN SUBTOTAL | 350 | 28% | 167 | 14% | 123 | 10% | 590 | 48% | 1,230 |
| ACR | 56 | 29% | 25 | 13% | 23 | 12% | 87 | 46% | 191 |
| BC | 28 | 30% | 19 | 21% | 5 | 5% | 40 | 43% | 92 |
| Beacon Ctr | 79 | 29% | 40 | 15% | 23 | 8% | 131 | 48% | 273 |
| CenterPoint | 67 | 29% | 22 | 9% | 30 | 13% | 113 | 49% | 232 |
| Crossroads | 33 | 34% | 15 | 15% | 8 | 8% | 41 | 42% | 97 |
| Eastpointe | 49 | 24% | 24 | 12% | 26 | 13% | 105 | 51% | 204 |
| ECBH | 65 | 35% | 24 | 13% | 13 | 7% | 86 | 46% | 188 |
| OC | 22 | 30% | 11 | 15% | 14 | 19% | 26 | 36% | 73 |
| OPC | 29 | 32% | 10 | 11% | 8 | 9% | 44 | 48% | 91 |
| Piedmont* | | | | | | | | | |
| SEC | 38 | 28% | 15 | 11% | 14 | 10% | 71 | 51% | 138 |
| WHighlands | 65 | 26% | 32 | 13% | 20 | 8% | 136 | 54% | 253 |
| MIXED SUBTOTAL | 531 | 29% | 237 | 13% | 184 | 10% | 880 | 48% | 1,832 |
| Albemarle | 18 | 22% | 10 | 12% | 15 | 18% | 39 | 48% | 82 |
| Five County | 40 | 27% | 25 | 17% | 14 | 9% | 70 | 47% | 149 |
| Foothills | 26 | 37% | 11 | 15% | 10 | 14% | 24 | 34% | 71 |
| Johnston | 30 | 37% | 7 | 9% | 7 | 9% | 38 | 46% | 82 |
| Sandhills | 82 | 36% | 36 | 16% | 19 | 8% | 90 | 40% | 227 |
| SER | 31 | 34% | 14 | 15% | 11 | 12% | 35 | 38% | 91 |
| SMountain | 38 | 30% | 22 | 17% | 8 | 6% | 60 | 47% | 128 |
| RURAL SUBTOTAL | 265 | 32% | 125 | 15% | 84 | 10% | 356 | 43% | 830 |
| STATEWIDE | 1146 | 29% | 529 | 14% | 391 | 10% | 1,826 | 47% | 3,892 |

SOURCE: Healthcare Enterprise Accounts Receivable Tracking System (HEARTS) Discharge Data (for HEARTS discharges January 1 - March 31, 2007); Medicaid and State Service Claims Data (for claims submitted January 1 - September 30, 2007).

* Data on service claims for Piedmont are not available for this report.

NOTE: The rows may add up to > 100% due to rounding.

| INDICATOR 4: Timely Follow-Up Care for Individuals After Inpatient Care (Wright/Whitaker) (Not presented in report) | | | | | | | | | |
|---------------------------------------------------------------------------------------------------------------------|---------------------|---------|----------------------|---------|------------------|---------|----------|---------|----------------------------|
| LME | Seen in 1 to 7 days | | Seen in 8 to 30 days | | Seen in 30+ days | | Not Seen | | Total Number of Discharges |
| | Number | Percent | Number | Percent | Number | Percent | Number | Percent | |
| Cumberland | NA | NA | NA | NA | NA | NA | NA | NA | 0 |
| Durham | 1 | 25% | 0 | 0% | 0 | 0% | 3 | 75% | 4 |
| Guilford | 0 | NA | 0 | NA | 0 | NA | 0 | NA | 0 |
| Mecklenburg | 0 | 0% | 1 | 100% | 0 | 0% | 0 | 0% | 1 |
| Pathways | 0 | NA | 0 | NA | 0 | NA | 0 | NA | 0 |
| Wake | 0 | NA | 0 | NA | 0 | NA | 0 | NA | 0 |
| URBAN SUBTOTAL | 1 | 20% | 1 | 20% | 0 | 0% | 3 | 60% | 5 |
| ACR | 0 | 0% | 1 | 100% | 0 | 0% | 0 | 0% | 1 |
| BC | NA | NA | NA | NA | NA | NA | NA | NA | 0 |
| Beacon Ctr | NA | NA | NA | NA | NA | NA | NA | NA | 0 |
| CenterPoint | 1 | 50% | 0 | 0% | 0 | 0% | 1 | 50% | 2 |
| Crossroads | NA | NA | NA | NA | NA | NA | NA | NA | 0 |
| Eastpointe | NA | NA | NA | NA | NA | NA | NA | NA | 0 |
| ECBH | NA | NA | NA | NA | NA | NA | NA | NA | 0 |
| OC | NA | NA | NA | NA | NA | NA | NA | NA | 0 |
| OPC | 1 | 25% | 0 | 0% | 0 | 0% | 3 | 75% | 4 |
| Piedmont* | | | | | | | | | |
| SEC | NA | NA | NA | NA | NA | NA | NA | NA | 0 |
| WHighlands | NA | NA | NA | NA | NA | NA | NA | NA | 0 |
| MIXED SUBTOTAL | 2 | 29% | 1 | 14% | 0 | 0% | 4 | 57% | 7 |
| Albemarle | NA | NA | NA | NA | NA | NA | NA | NA | 0 |
| Five County | 1 | 100% | 0 | 0% | 0 | 0% | 0 | 0% | 1 |
| Foothills | NA | NA | NA | NA | NA | NA | NA | NA | 0 |
| Johnston | NA | NA | NA | NA | NA | NA | NA | NA | 0 |
| Sandhills | 1 | 100% | 0 | 0% | 0 | 0% | 0 | 0% | 1 |
| SER | NA | NA | NA | NA | NA | NA | NA | NA | 0 |
| SMountain | NA | NA | NA | NA | NA | NA | NA | NA | 0 |
| RURAL SUBTOTAL | 2 | 100% | 0 | 0% | 0 | 0% | 0 | 0% | 2 |
| STATEWIDE | 5 | 36% | 2 | 14% | 0 | 0% | 7 | 50% | 14 |

SOURCE: Healthcare Enterprise Accounts Receivable Tracking System (HEARTS) Discharge Data (for HEARTS discharges January 1 -March 31, 2007); Medicaid and State Service Claims Data (for claims submitted January 1 - September 30, 2007).

* Data on service claims for Piedmont are not available for this report.

NOTE: The rows may add up to > 100% due to rounding.

Appendix D
So...How Did We Do?

| Progress Indicator | SFY 2008 Performance Standard | SFY 2008 Target | State Average | Range Among LMEs | Urban LMEs Average | Mix LMEs Average | Rural LMEs Average | Your LME |
|----------------------------------------------------------------------------------|-------------------------------------|--------------------|------------------|---------------------|-----------------------|---------------------|-----------------------|-------------|
| 1. Services to Persons in Need | | | | | | | | |
| ❖Adult Mental Health | 38% | 38% | 38% | 22% - 63% | 33% | 38% | 45% | |
| ❖Child/Adolescent Mental Health | 38% | 38% | 41% | 25% - 67% | 35% | 44% | 46% | |
| ❖Adult Developmental Disabilities | 36% | 36% | 36% | 21% - 54% | 32% | 38% | 37% | |
| ❖Child/Adolescent Developmental Disability | 19% | 19% | 19% | 11% - 31% | 17% | 21% | 18% | |
| ❖Adult Substance Abuse | 8% | 10% | 7% | 4% - 11% | 7% | 7% | 8% | |
| ❖Adolescent Substance Abuse | 7% | 9% | 6% | 4% - 9% | 5% | 6% | 6% | |
| 2. Timely Initiation & Engagement in Service | | | | | | | | |
| ❖Mental Health: 2 Visits within 14 Days | 35% | 42% | 39% | 25% - 59% | 39% | 40% | 37% | |
| ❖Mental Health: 2 Additional Visits within Next 30 Days | 21% | 25% | 27% | 14% - 48% | 28% | 27% | 25% | |
| ❖Developmental Disabilities: 2 Visits within 14 Days | 60% | 72% | 63% | 24% - 85% | 66% | 66% | 54% | |
| ❖Developmental Disabilities: 2 Additional Visits within Next 30 Days | 46% | 55% | 52% | 13% - 77% | 53% | 54% | 44% | |
| ❖Substance Abuse: 2 Visits within 14 Days | 59% | 71% | 64% | 41% - 82% | 68% | 63% | 58% | |
| ❖Substance Abuse: 2 Additional Visits within Next 30 Days | 42% | 50% | 47% | 28% - 71% | 50% | 47% | 42% | |
| ❖Mental Health/Developmental Disability: 2 Visits within 14 Days | NA | NA | 55% | 29% - 90% | 51% | 59% | 54% | |
| ❖Mental Health/Developmental Disability: 2 Additional Visits within Next 30 Days | NA | NA | 46% | 20% - 84% | 39% | 51% | 47% | |
| ❖Mental Health/Substance Abuse: 2 Visits within 14 Days | NA | NA | 53% | 34% - 72% | 51% | 56% | 51% | |
| ❖Mental Health/Substance Abuse: 2 Additional Visits within Next 30 Days | NA | NA | 39% | 20% - 55% | 37% | 42% | 36% | |
| 3. Effective Use of State Psychiatric Hospitals | | | | | | | | |
| ❖1-7 Days of Care | 55% | 44% | 56% | 33% - 70% | 59% | 54% | 57% | |
| ❖8-30 Days of Care | NA | NA | 31% | 21% - 40% | 28% | 33% | 31% | |
| 4. Timely Follow-up After Inpatient Care | | | | | | | | |
| ❖ADATCs: Seen in 1-7 Days | 24% | 36% | 28% | 0% - 63% | 27% | 29% | 27% | |
| ❖State Psychiatric Hospitals: Seen in 1-7 Days | 28% | 42% | 29% | 18% - 37% | 28% | 29% | 32% | |

| Appendix E: Formulas for Calculation of Measures in the Community Systems Progress Indicators Reports SFY 2007-2008 | | | |
|---------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Indicator | Numerator | Denominator | Notes |
| Services to Persons in Need (Treated Prevalence) | Number of <u>unduplicated</u> persons with at least one paid IPRS and/or Medicaid service claim* that indicates a diagnosis for the age-disability group during the defined period. Disability group is based on the first three diagnoses on all claims. Persons in each disability group were counted once -- based on the LME and age at first service in the year. Persons with multiple disabilities (e.g. MH and SA, MH and DD, etc.) were counted in all applicable columns. | Number of persons in the LME catchment area's relevant age group estimated to need service for the disability (based on national studies). Age appropriate estimates were applied to county population, where applicable. | An individual person can be counted in more than one age-disability group Defined period includes four quarters of service dates, lagged by one quarter prior to the report to allow time for claims to be submitted and paid. |
| Timely Initiation of Services | Number of persons with a first paid IPRS and/or Medicaid service claim* that indicates a diagnosis for the disability group during the defined period who receive a second paid IPRS and/or Medicaid service claim that indicates a diagnosis for the disability group within 14 days of the first service date | Number of persons with a first paid IPRS and/or Medicaid service claim* that indicates a diagnosis for the disability group during the defined period | The first date of service is defined as a service after 60 days with no service. Defined period includes first service dates during one quarter plus two subsequent quarters of additional service dates (most recent 3 quarters of service claims total). Lagging first service dates by two quarters prior to the report allows time for claims to be submitted and paid. |
| Engagement in Services | Number of persons meeting the criteria for Initiation who receive a fourth paid IPRS and/or Medicaid service claim* that indicates a diagnosis for the disability group (excludes dually diagnosed consumers) within 30 days of the second service date | Number of persons with a first paid IPRS and/or Medicaid service claim* that indicates a diagnosis for the disability group (excludes dually diagnosed consumers) during the defined period | Defined period includes first service dates within one quarter plus two subsequent quarters of service dates (most recent 3 quarters of service claims total). Lagging first service dates by two quarters prior to the report allows time for claims to be submitted and paid. |
| Effective Use of State Psychiatric Hospitals (Short Term Use) | Number of persons discharged from a state psychiatric hospital during the defined period who were admitted no more than 7 or between 8-30 days prior to discharge | Number of persons discharged from a state psychiatric hospital during the defined period, according to HEARTS data | Defined period includes discharges during the most recent two quarters prior to the report. |
| Timely Follow-Up After Inpatient Care - State Alcohol & Drug Abuse Treatment Centers (ADATCs) | Number of persons discharged from a state ADATC during the defined period who had a paid IPRS and/or Medicaid service* within 1-7 or 8-30 calendar days of the discharge | Number of persons discharged from a state ADATC during the defined period, according to HEARTS data | Defined period includes discharges during a quarter, lagged 2 quarters prior to the report, and first service dates during the 3 quarters prior to the report. Lag allows time for claims to be submitted and paid. |
| Timely Follow-Up After Inpatient Care - State Psychiatric Hospitals | Number of persons discharged from a state psychiatric hospital during the defined period who had a paid IPRS and/or Medicaid service* within 1-7 or 8-30 calendar days of the discharge | Number of persons discharged from a state psychiatric hospital during the defined period, according to HEARTS data | Defined period includes discharges during a quarter, lagged 2 quarters prior to the report, and first service dates during the 3 quarters prior to the report. Lag allows time for claims to be submitted and paid. |

*Service claims data include:

(1) All paid IPRS claims and claims denied due to lack of funds. (Other denied IPRS claims and procedure codes YP500 and YP692 are excluded.)

(2) All Medicaid claims billed by the following providers:

- All enhanced services
- CAP-MR/DD
- Directly-enrolled residential
- Professional practitioners (licensed psychologists, LCSWs, etc.)
- Psychiatrists
- Psychiatric residential treatment facilities (excluding state-operated)
- Criterion 5 extended-stay residential placements
- Community Intermediate Care Facilities for Mental Retardation
- General hospital inpatient psychiatric units
- Select general hospital outpatient
- Community psychiatric hospitals (excluding state-operated)